

FIRE PROTECTION TRAINING GUIDE - FORESTRY PILOT (HELICOPTER)

(No. 14 March 2001)

MINIMUM QUALIFICATIONS

Licenses: Possession of a valid Federal Aviation Agency (FAA) Commercial Airman Certificate with rotorcraft-helicopter rating or a valid FAA Airline Transport Pilot's Certificate with a rotorcraft-helicopter rating.

and

Possession of a valid and current Class II Airman's Medical Certificate issued by an FAA authorized medical examiner.

and

Possession of a valid Class 3 California driver's license. Applicants who do not possess this license will be admitted to the examination but must secure the license prior to appointment.

and

Experience: Applicants must have logged at least 2,000 hours of pilot-in-command flying helicopters, which must include the following:

1. At least 500 hours of mountain pilot-in-command helicopter flight time, routinely making landings in mountainous terrain above 4,000 feet MSL.
2. At least 500 hours of turbine helicopter time as pilot-in-command.
3. 250 hours pilot-in-command of helicopters performing low level missions in fire control, map survey, power-line patrol, search and rescue, spray or seeding operations over mountain or forested or comparable military operations.
4. At least 100 hours as pilot-in-command in helicopters carrying sling loads.
5. At least 50 hours as pilot-in-command in helicopters in the past year.

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY PILOT (HELICOPTER)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

JOB REQUIRED

Job Required Within First Year - Forestry Pilot (Helicopter)

First Responder Operations -Haz-Mat	16	Unit	Prior to response to HAZ-MAT incident	Mandated - SARA Title III	Annual - 8 hour	None	(*)
Firefighter 1 - Basic	67	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy	4 hours every 2 years thereafter	None	(*)
I-100 Introduction To ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Region/Unit	Required prior to filling any ICS position	CDF Policy	One time training	None	(*)
Wildland Firefighter Survival -CDF	8	Region/Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
Defensive Drivers Training	4	Unit/Station	Unit Option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	Valid California Driver's license	
Helitack Training - CDF	32	Region/Unit	Prior to first fire season	CDF Policy	One time training	None	
New Pilot Transition	40	Aviation Mgmt.	Upon Appointment	CDF Policy 8300 Handbook	One time training	None	(*)(1)
Annual Recurrent Training, Interagency Checkride & FAA Flight Review	24	Aviation Mgmt.	Prior to fire season	FAA/CDF Policy 8300 Handbook	Annual	None	(*)(2)
Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

218.00 Total Hours Job Required Within First Year - Forestry Pilot (Helicopter)

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

Job Required Within Second Year - Forestry Pilot (Helicopter)

Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

77.00 Total Hours Job Required Within Second Year - Forestry Pilot (Helicopter)

Job Required Within Third Year - Forestry Pilot (Helicopter)

Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

45.00 Total Hours Job Required Within Third Year - Forestry Pilot (Helicopter)

Job Required Within Fourth Year - Forestry Pilot (Helicopter)

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for <u>frequent</u> operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

9.00 Total Hours Job Required Within Fourth Year - Forestry Pilot (Helicopter)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

JOB ENHANCEMENT

S-290 Intermediate Wildland Fire Behavior	40	Region/Unit	Prior to third year of employment	CDF Policy 8300 Handbook	One time training	Basic Engine Operation- (BFEO) or Basic Fire Control- Firefighter Module	(*)
Air Attack Management - CDF	72	Redding AAB Mather AAB	Within 2 years of initial hire	CDF Policy	One time training	Basic ICS (I-200/220), Basic Fire Control, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
First Responder Medical - CDF	46	Unit				Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit					
Elderly Abuse W&I 15630	[1]	Unit					
Communicable Disease Awareness	4	Unit					
Public Safety CPR - CDF	8	Unit					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Basic Fire Academy BFC 1 A Orientation/basic admin	44	CDF Academy		SPB Job specification	One time training	Hazmat 1 st responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	None	
EEO/Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	None	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy			One time training	Hazmat 1 st responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	Annual evaluation	None	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	None	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy			One time training	Class B license; CDF FFI basic; CPR and Public Safety 1 st Aid	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy			One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Fire Investigation 1A - CFSTES	36	CSFM/ Region					
Fire Instructor 1 - Certified CFSTES	80	Region/Unit					
Incident Management 2 – CDF	36	Region/Unit				Incident Management 1	
CFI Refresher Course	16	Unit				CFI certificate	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

CDF Pilot Trainer	3	Aviation Mgmt.				CFI certificate	(5)
Call-When-Needed Pilot Inspector	32	Aviation Mgmt. (USFS)					

NOTES:

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New Department policy

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Subject Area Taught in the Course Listed Above

(1)

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10 Hours Flight 30 Hours Ground School

(2)

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4 hours Flight 20 Hours Ground School

(3)

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1 hour Flight 3 Hours Ground School

(4)

=

1 hour Flight

(5)

=

1 Hour Flight 2 Hours Ground School

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